

Converting Colors

Hex(6B8EF6)

Have a look what the booklet for
Hex(6B8EF6) contains.

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Color

Hex(6B8EF6)

Conversions

Conversions Part 1

Format	Color
Hex	6B8EF6
RGB	107, 142, 246
RGB Percent	42%, 56%, 96%
CMY	0.5804, 0.4431, 0.0353
CMYK	0.57, 0.42, 0.00, 0.04
HSL	225°, 89%, 69%
HSV	225°, 57%, 96%
XYZ	32.3710, 29.1256, 91.1045
YIQ	143.3910, -54.2440, 24.9240

Conversions

Conversions Part 2

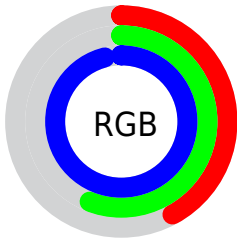
Format	Color
RYB	107, 135, 246
Decimal	7048950
CIELab	60.89, 17.74, -55.89
CIElCh	61, 58.637, 287.612
Yxy	29.1256, 0.2121, 0.1909
Android (android.graphics.Color)	4285239030 (0xFF6B8EF6)
YUV	143.3910, 50.5862, -31.9149
Hunter-Lab	53.9682, 12.6229, -62.3106

Details

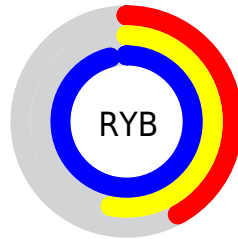
The Hex color **6B8EF6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F6D36B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A7C3FF**, and **265CBD** is the 20% darker color. If you saturate the color by 10%, you get **527CF6**, and if you desaturate by 10%, it is **84A0F6**.

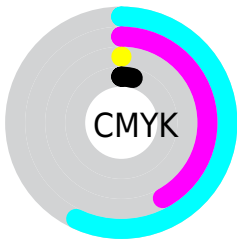
Distribution



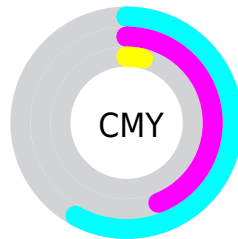
- Red (42%)
- Green (56%)
- Blue (96%)



- Red (42%)
- Yellow (53%)
- Blue (96%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8EF6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6B8EF6 by changing the saturation by 10% instead.

 6B8EF6

 6B8EF6


FFFFFF

 4B75D9

 A7C3FF

 265CBD

 C5DFFF

 0045A1

 E3FCFF

 003087

 001C6D

 000154

 00063C

 000225

 00010E

■ 6B8EF6

■ 6B8EF6

■ 527CF6

■ 84A0F6

■ 3A69F6

■ 9CB3F6

■ 2157F6

■ B5C5F6

■ 0944F6

■ CDD8F6

■ 003EF6

■ E6EAF6

■ FFFCF6

■ FFFFF6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



009FF8



6B8EF6



BC78D9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B8EF6



E27448



00AA7B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6B8EF6



F6D36B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53A549



6B8EF6



C08926

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B8EF6



F16477



919A25



00ACB1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B8EF6



DC6ABB



919A25



00A969

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6B8EF6



D4DFFF



6BF6D1



666C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6B8EF6



527DFF



8B6BF6



6E717A



002FBA



000F3B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F66B8E



FF527D



D6F66B



7A6E71



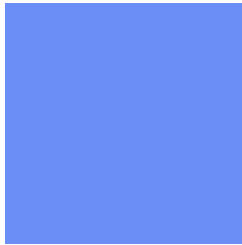
BA002F



3B000F

Previews

White Background



This preview shows how the Hex color 6B8EF6 looks on a white background.

Color Contrast Check

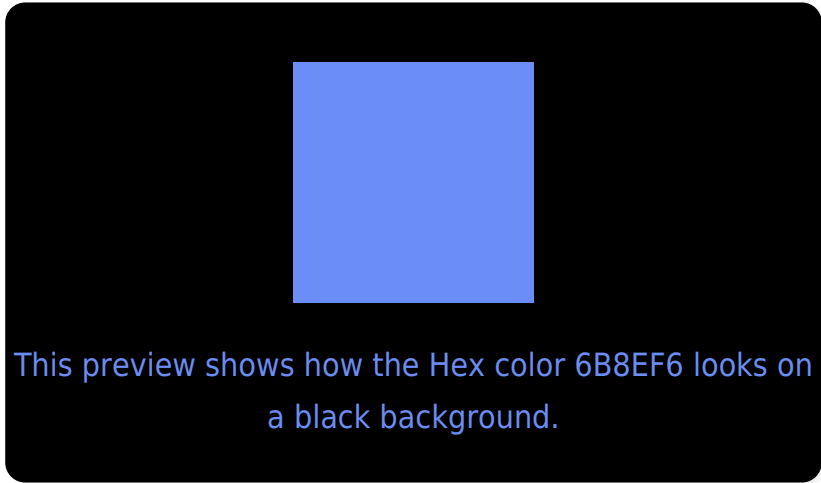
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

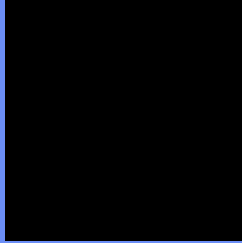
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

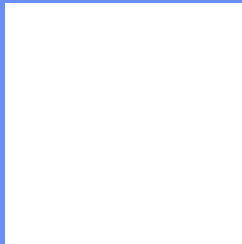
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6B8EF6 Background



This preview shows how black text looks on a background with the Hex color 6B8EF6.

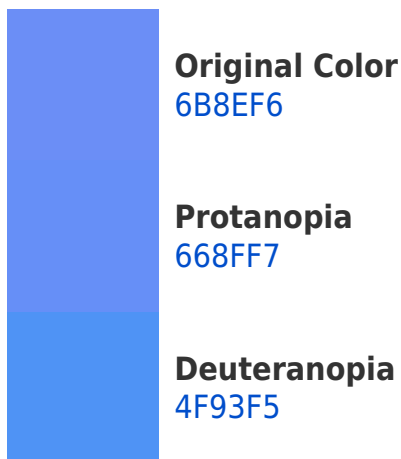



This preview shows how white text looks on a background with the Hex color 6B8EF6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

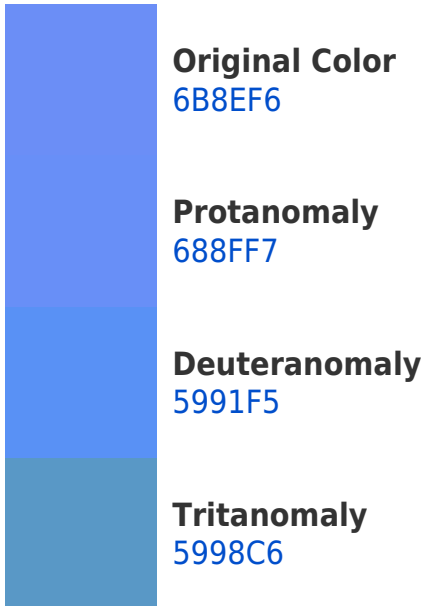
Dichromacy





Tritanopia
4E9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8EF6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6B8EF6 looks like.

```
.text, #text, p{  
    color:#6B8EF6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6B8EF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8EF6
}
```

Border

The CSS property to change the border of an element to Hex 6B8EF6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B8EF6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6B8EF6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6B8EF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8EF6; -webkit-box-shadow:4px 4px  
4px 4px #6B8EF6; box-shadow:4px 4px 4px  
4px #6B8EF6 }
```

Background

The CSS property to change the background color of an element to Hex 6B8EF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8EF6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6B8EF6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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